Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 04 May 2023 until 23:59 on Friday 05 May 2023

Forecast Issued on Wednesday 03 May 2023 at 15:03

Confidence: High for overall theme of settled conditions at first giving way to unsettled weather on Friday. Lower for timing of rain or showers overnight Thursday into Friday.

Headline for Thursday 04 May 2023: After a fine day cloud will increase later with rain overnight.

Mountain weather hazards on Thursday 04 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Light rain
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	20%	40%

Forecast for Thursday 04 May 2023

Weather: Variable cloud overnight but staying dry. Some low cloud may form around dawn which will quickly lift and give a fine and dry day, before outbreaks of rain spread erratically north-eastwards across the park during the evening. Winds picking up to a strong and gusty easterly wind.

Chance of cloud-free hill tops above 600m: 40% at first, rising to 90% for most of the day, lowering again after dark.

Low cloud and visibility: Overnight/ early morning cloud likely above 500m, lifting and breaking quickly during the morning to give generally good visibilities with distant hills visible. Visibilities deteriorating in any outbreaks of rain through the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 04 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/34 E	20/30 E	21/30 E	26/36 E	25/35 E	25/34 E	23/32 E	18/27 E	11/15 E
300	15/26 E	15/26 E	16/23 E	18/26 E	22/32 E	21/33 E	18/29 E	16/26 E	9/14 E
Valley	15/27 E	17/31 E	18/34 E	20/35 E	19/35 E	19/35 E	18/35 E	15/30 E	11/19 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-3	3/-3	6/-0	9/5	9/5	8/3	6/2	6/3
300	5/1	5/0	6/1	9/5	12/8	12/9	10/7	9/5	8/6
Valley	6/2	6/1	6/2	10/6	14/10	14/10	11/8	9/6	9/6
Freezing Level*	1500m	1600m	1500m	1600m	1700m	1900m	2300m	2400m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Park users should be aware of the sun-burn risk to exposed skin, even through cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 03 May 2023	0mm	0mm	2mm

Forecast for Friday 05 May 2023

Weather: Cloudy overnight with some heavy, perhaps thundery, showers at times. During daylight hours it will remain largely cloudy with showers, heavy and slow-moving at times with a risk of thunder. Moderate southwesterly winds, gusty in showers.

Maximum wind: Southwesterly 15 gust 25

Chance of cloud-free hill tops above 600m: 70% lowering to 30% in heavy showers/ thunderstorms.

Low cloud and visibility: Mostly above 600 metres but lowering to around 400 metres in heavy showers/ thunderstorms.

Temperature: **Valleys:** Ps 5 BECMG Ps 14 Celsius
At 600m: Ps 4 BECMG Ps 9 Celsius
Freezing level: Above summits.

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